



ADDENDUM #1

To: All Companies Interested in Submitting a Bid
From: Rebecca Johnson, CPPB, Purchasing Agent
Bid: Fiber Installation & Maintenance Services for JCN (RFB #PUR0116-127);
Dated: February 22, 2016
Subject: Addendum #1 (4 pages)
Date: March 7, 2016

The following questions and/or clarifications were asked relative to the above-listed Request for Bid. This memo is sent for clarification to all companies to whom the RFB was sent.

Clarifications from pre-bid meeting held Thursday, March 3, 2016:

- A map of the JCN was provided at the meeting and is available as a PDF file on the City's [ftp site](#). A KMZ file will be provided to the awarded contractor following contract execution.
- New builds proposed for FY17 (7/1/16 – 6/30/17) are indicated in red on the JCN map. Fiber for new builds is estimated to be approximately 31,000 feet.
- The City will provide fiber for emergency and general maintenance and repair but Contractor shall be responsible to provide all other materials required to complete the work.
- Contractor shall be responsible to provide all materials, including fiber, for new build projects. This is different than indicated in the initial RFP document.
- Hand holes shall have a minimum depth of 30" (see 3.2 f on page 41 of RFP)
- The 2 hour response time for emergencies is the time required to respond to the request with a plan for getting the network up as soon as possible. The actual work required is not expected to be completed within the 2 hours.
- Any work that is not included in the Scope of Work will require an amendment to the contract. An open PO will be provided for emergencies to allow work to proceed upon approval of IT staff, but a contract amendment will still be needed as soon as possible for any adjustments to the Scope of Work.

Question: Will you include rates for drilling rock in case it is encountered?

Answer: Not at this time. This is not anticipated to happen with any frequency, but if it does it will be handled on a case by case basis via amendment to the contract.

Question: Can you add the material list per EA or LF, as listed on pages 52 and 53, to the pricing submittal form?

Answer: No. The material listed shall be included in the Scope of Work as described in Section 4.3. Each line item on the pricing submittal form corresponds with a description in Section 4.3 that clearly includes the cost of materials. The City is requested an all-inclusive firm-fixed price for each type of work, including materials (with the exception of fiber for emergency and general maintenance and repair which is provided by the City)

- Question:** Can marker posts be added in construction per each?
- Answer:** Bidders should assume that marker posts are needed with handhole installation and include in the pricing for the work to insure that costs will be covered.
- Question:** Can fiber pigtailed be added as a separate item per each installed and supplied?
- Answer:** Fiber pigtailed shall be included in the firm-fixed price for each Fiber Panel/Enclosure. The installation of the pigtail is included in 4.3.10.
- Question:** Can cases be a construction item as well for prep?
- Answer:** Yes, pricing shall be submitted for both 72 count and 288 count enclosures. Prep work shall be included in the firm fixed price for each case/panel. The additional line items have been added to the revised pricing submittal form included with this addendum.
- Question:** Can you add "or approved equal" to the material list items on the bid?
- Answer:** Bidders may submit pricing for equivalent items; however, all exceptions to the specifications must be clearly stated in bid submittal and the City shall be the sole party to determine if the alternate item can be accepted as an approved equal.
- Question:** Can you add items for length of bores such as: up to 100'; 101'-400'; 401'-1500', and 1501'+? These could be added to all 3 categories.
- Answer:** The City will accept pricing for 1-500', 501'-1500', and 1501'+. See revised bid submittal form.
- Question:** Can trenching items be added as separate items per each installed and supplied, with tiered item pricing added for lengths?
- Answer:** The City will accept pricing for 1-500', 501'-1500', and 1501'+. See revised bid submittal form.
- Question:** For the fiber installed (24, 48, 144) will you add items for different lengths? (Such as 1'-500'; 501'-2,500'; 2,501+)
- Answer:** The City will accept pricing for 1-500', 501'-1500', and 1501'+. See revised bid submittal form.
- Question:** Will you add additional items for splices from 1-24, 25-96, 97-144, and 145+?
- Answer:** The City will accept pricing for 1-6, 7-18, and 19-24 for both termination and splicing (Sections 4.3.10 and 4.3.11). For example, if 3 splices use the pricing for "Fiber Splicing 1-6" for quantity of 1. If 18 splices, use the pricing for "Fiber Splicing 7-18" for quantity of 1. If 28 splices, use quantity of 1 for "Fiber Splicing 1-6" and quantity of 1 for "Fiber Splicing 19-24". For bidding purposes assume that each category is for the largest quantity (6, 18, or 24). See revised pricing submittal form.

Question: Should building entrance work arise, how will it be paid for? There are no items for building entrance work right now. Can hourly rates be added to the contract for this or will troubleshooting hours be allowed for use on this as approved?

Answer: The City will accept a line item for an hourly rate for "Building Entrance Work". This line item shall only be used for building entrance work, nothing more. See revised pricing submittal form.

Question: Should line items be added to the pricing submittal form for the purchase of fiber in 10,000' rolls of each size, material only, in case it is needed?

Answer: Line items are already included on the pricing submittal form for pricing for fiber per linear foot. Line items have been added to the revised form for full 10,000' reels of fiber for new build projects.

Question: Is the City going to have an open PO in order to streamline the need for work or will the contractor have to wait for a PO to do any work at all?

Answer: The City will have an open PO for emergency work only. For planned maintenance/repair or new build projects the normal City process will be followed to obtain a PO for an approved work order.

Question: The fiber terminations or splices, either regular or emergency, should be only the terms or splices and incidental items. Can other items, such as cases, trays, patch cords, etc., be broken out as material items per each?

Answer: Only the cases shall be priced separately, as addressed above. Other items shall be included in the firm-fixed price established for the work. Trays are included in the pricing for the case, splice, or termination. Splices are done in a Case and Terminations are done in a Fiber Panel. The City does not anticipate ever having a Case installed without any Splices or a Panel with no Terminations.

Question: Please provide a list of companies to whom the Request for Bid was sent.

Answer: The RFB was sent directly to the following companies and also posted on the City's website. Companies shaded in gray on the list below were represented at the pre-bid meeting.

Acme Electric Company	Cedar Rapids	IA
Baker Electric	Des Moines	IA
CDB Underground Utility Contractors	Davenport	IA
Communications Engineering Co. (CEC)	Hiawatha	IA
Connectronics	Cedar Rapids	IA
Corridor Network Construction	Hiawatha	IA
DeLancey Electric	Anamosa	IA
Duball Electric, Inc.	Cedar Rapids	IA
ESCO Electric	Marion	IA
Hawkeye Electric	Hiawatha	IA
IMON Communications	Cedar Rapids	IA

Iowa Electronics	Hiawatha	IA
Justice Electric Company	Cedar Rapids	IA
Nelson Electric Company	Cedar Rapids	IA
Office Max	North Liberty	IA
Paulson Electric Company	Cedar Rapids	IA
Price Industrial	Robins	IA
Streff Electric, Inc.	Cedar Rapids	IA
Structured Cabling	Tipton	IA
Swick Cabling Contractors	Cedar Rapids	IA
TD&I Cable	Lakeland	MN
Trey Electric	Marion	IA

All addenda that you receive shall become a part of the contract documents and shall be acknowledged and dated on the bottom of the Signature Page (Attachment C). The deadline for bid submittal is Friday, March 11, 2016 before 3:00 p.m. CST.

BID PRICING SUBMITTAL FORM (revised)

The Contractor shall, at its sole cost and expense, provide, perform and complete in the manner described and specified in this Request for Bid all necessary work, labor, services, transportation, equipment, materials, apparatus, information, data, freight and other items necessary to accomplish the Work as defined below, in accordance with the Scope of Work as described in Section 4.0. The Work will also include procuring and furnishing all approvals and authorizations, permits, and certificates and policies of insurance as specified herein necessary to complete the Work. Additional materials that may be provided for a firm fixed unit price not included in the line items for work are limited to those included in the table below.

All-inclusive Pricing for Work as described in Scope of Work, Section 4.3 of Request for Bid

Description of Work	Firm Fixed Unit Price		
	General Maintenance	Emergency Repairs	New Build Projects
01400-11 Removal of Existing Sidewalk –per square yard	\$	\$	\$
02700-30 Portland Cement Concrete Pavement Repair – per sq yd	\$	\$	\$
02700-70 Portland Cement Concrete Sidewalk, 4 inch – per sq yd	\$	\$	\$
16580-32A 24" x 36" Handhole with Lid – per handhole	\$	\$	\$
16580-32B 30" x 48" Handhole with Lid – per handhole	\$	\$	\$
16580-33 Adjust Handhole – per handhole adjustment	\$	\$	\$
16580-50A 2" HDPE SDR-13 Conduit, bored – per linear foot			
Per linear foot for 1' to 500'	\$	\$	\$
Per linear foot for 501' to 1500'	\$	\$	\$
Per linear foot for 1501' and up	\$	\$	\$
16580-50B 2" HDPE SDR-13 Conduit, trenched – per linear foot			
Per linear foot for 1' to 500'	\$	\$	\$
Per linear foot for 501' to 1500'	\$	\$	\$
Per linear foot for 1501' and up	\$	\$	\$
16580-50C Tracer Wire – per linear foot	\$	\$	\$
16590-10 Fiber Optic Termination – per termination			
Per termination for quantity of 1 to 6	\$	\$	\$
Per termination for quantity of 7 to 18	\$	\$	\$
Per termination for quantity of 19-24	\$	\$	\$
16590-20 Fiber Optic Fusion Splice – per splice			
Per splice for quantity of 1 to 6	\$	\$	\$
Per splice for quantity of 7 to 18	\$	\$	\$
Per splice for quantity of 19-24	\$	\$	\$
17000-02 Trouble Shooting – per hour	\$	\$	\$
Building Entrance Work – per hour	\$	\$	\$
17000-04 Fiber Optic Cable (install only) – per linear foot			
Per linear foot for 1' to 500'	\$	\$	\$
Per linear foot for 501' to 1500'	\$	\$	\$
Per linear foot for 1501' and up	\$	\$	\$
17000-11 Emergency Fiber Optic Fusion Splice – per splice	\$	\$	\$
17000-12 Emergency Trouble Shooting – per hour	\$	\$	\$
17000-13 Emergency 2" HDPE Conduit Repair – per linear foot	\$	\$	\$
17000-14 Emergency Fiber Optic Cable, 24 SM – per linear foot	\$	\$	\$
17000-15 Emergency Fiber Optic Cable, 48 SM – per linear foot	\$	\$	\$
17000-16 Emergency Fiber Optic Cable, 144 SM – per linear foot	\$	\$	\$

Pricing for Materials not included in the firm fixed pricing above

Description of Materials	Brand	Model No.	Firm Fixed Unit Price
1U Front Access, rack mountable, splice and termination panel with 12 pigtails installed	OFS	1U-S-LIU-LC12-BLUE-PT	\$
1U Front Access, rack mountable, splice and termination panel with 24 pigtails installed	OFS	1U-S-LIU-LC24-BLUE-PT	\$
Rack Mounted, LGX Combination, splice and termination enclosure with 48 pigtails installed	OFS	LSC1W-048-12-LCU-LT1B-FF-PT-2CC	\$
Rack Mounted, LGX Combination, splice and termination enclosure with 72 pigtails installed	OFS	LSC1W-072-12-LCU-LT1B-FF-PT-2CC	\$
Rack Mounted, LGX Combination, splice and termination enclosure with 144 pigtails installed	OFS	LSC1W-144-14-LCU-LT1B-FF-PT-2CC	\$
Rack Mounted, LGX Combination, splice and termination enclosure with 288 pigtails installed	OFS	LSC1W-288-23-LCU-LT1B-FF-PT-2CC	\$
Rack Mounted, LGX Combination, splice and termination enclosure with 432 pigtails installed	OFS	LSC1W-432-37-LCU-LT1B-FF-PT-2CC	\$
Single panel housing that will accept one SM ST six-pack panel or one twelve-pack panel plus a twelve splice holder	Corning	SPH-01P	\$
4 panel housing that will accept four SM ST six-pack panels plus four twelve splice trays	Corning	CMIC-024	\$
4 panel housing that will accept eight SM ST twelve-pack panels plus four 24 splice trays	Corning	CCH-04U	\$
2 panel housing that will accept two SM ST six-pack panels plus one twelve splice holder	Corning	WIC-02P	\$
Single 72 Count Splice Enclosure, all-inclusive price for fully installed unit including all required materials	Tyco	FOSC 450 B6-6-NT-0-B3V	\$
Single 288 Count Splice Enclosure, all-inclusive price for fully installed unit including all required materials	Tyco	FOSC450D6-6-NT-0-D3V	\$
Fiber Optic Cable, full 10,000' reel for new build projects – 24 SM			\$
Fiber Optic Cable, full 10,000' reel for new build projects – 48 SM			\$
Fiber Optic Cable, full 10,000' reel for new build projects – 144 SM			\$

All other materials listed in Attachment H shall be included in the firm fixed unit pricing for work.

Warranty Information: _____

Can your company meet the requirements for 15-day response to begin regularly scheduled work and 2-hour response to begin emergency work? Yes No

Name of Company: _____

Authorized Signature: _____

Date: _____